

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

cite 1

PUBLICATION NUMBER : 10148661
PUBLICATION DATE : 02-06-98

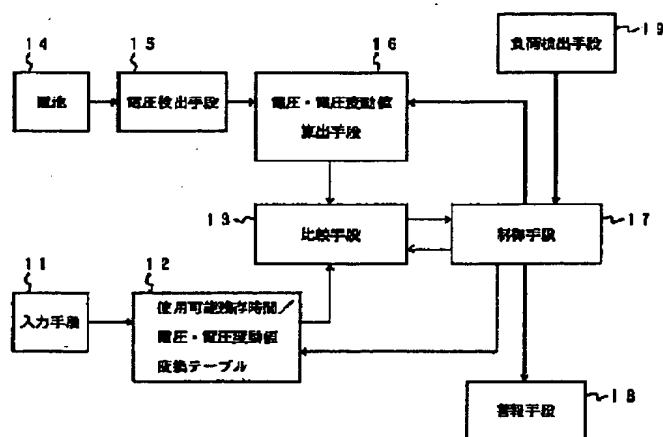
APPLICATION DATE : 15-11-96
APPLICATION NUMBER : 08318520

APPLICANT : SAITAMA NIPPON DENKI KK;

INVENTOR : HASEGAWA MOTOMI;

INT.CL. : G01R 31/36 H01M 10/48 H02J 7/00
H04B 1/04 H04B 1/16 H04B 1/40

TITLE : BATTERY WARNING DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a battery warning device that can be used easily where a user can freely set the time until a battery actually runs out after an alarm.

SOLUTION: The device has a conversion table 12 that compares a voltage value/a voltage fluctuation value and a usable, remaining time based on the discharge characteristics of a battery. In this case, when a user sets time with an input means 11, a voltage value and a voltage fluctuation value corresponding to the time are inputted to a comparison means 13. In a battery 14, the above voltage value and voltage fluctuation value are detected successively by a voltage detection means 15 and a voltage value/a voltage fluctuation value calculation means 16, and an alarm means 18 is operated by a control means 17 due to the coincidence by the comparison means 13.

COPYRIGHT: (C)1998,JPO